



Australian Government



GovCMS

GovCMS D10 Update

Please mute your microphones. This session will be recorded.

- Objectives
- Approach
- Process
- Questions



Please mute your microphones. This session will be recorded.

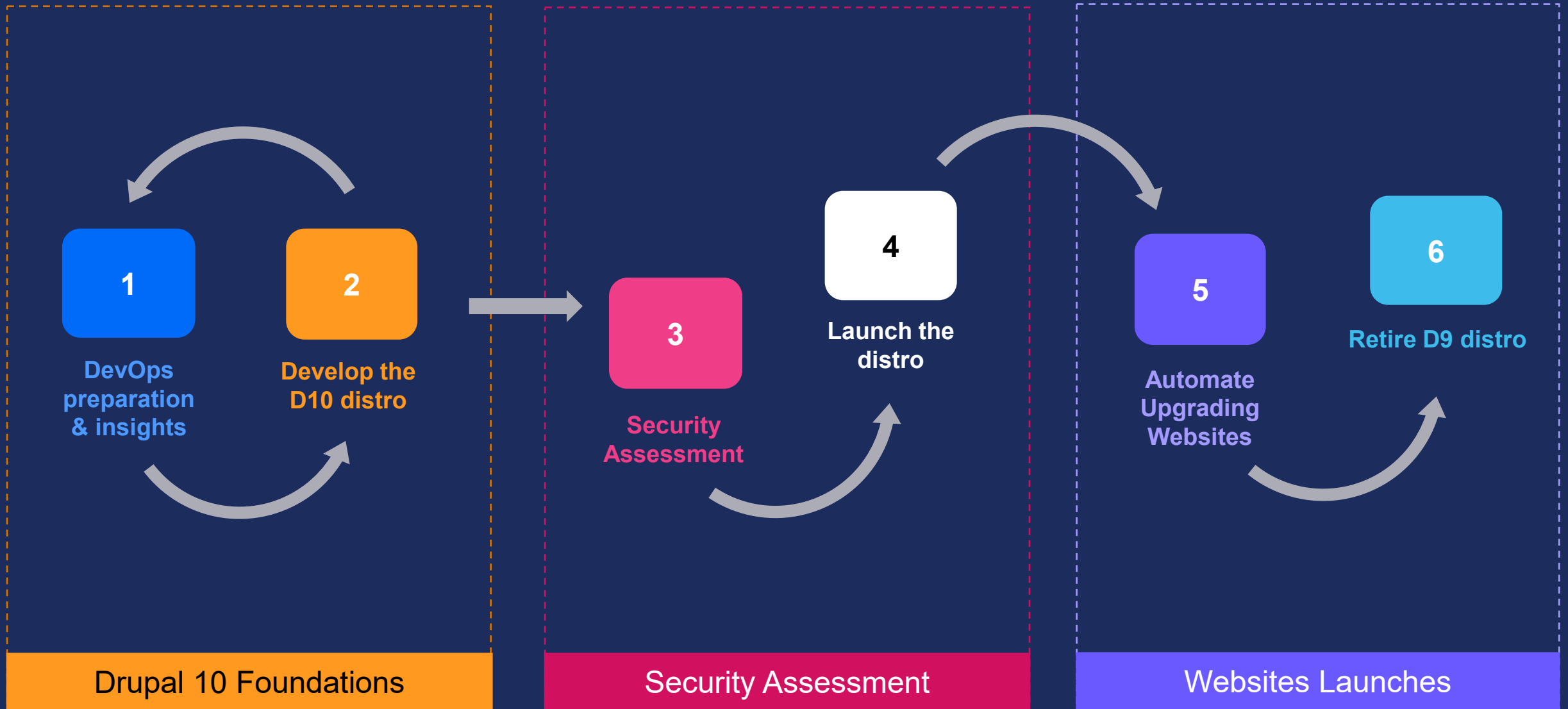
OBJECTIVES

1. Create the D10 Distribution
2. Create a path for a smooth transition for D9 to D10
 - For over 100 agencies
 - ~ 300 SaaS sites & 100 PaaS sites

9 to 10: Proposed approach



9 to 10: Proposed approach



Developing the D10 distro

Module Progress

73
modules



Loading ... 76% Distribution is D10 Compatible



6

Critical modules

10

High modules

2

Medium modules

9

Modules planning to be removed

D9-D10 DISTRO CONSIDERATIONS

@2.26.0

6 Feb

[illegible]

D9-D10 COMPATIBILITY CHANGE

@December 2022 in the last D10 session GovCMS D9 v2.24.0

34 Ready	21 D10 available	11 Critical	18 High	5 Medium	7 Remove
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@February – GovCMS D9 v2.26.0

53 Ready	20 D10 available	6 Critical	10 High	2 Medium	9 Remove
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GovCMS Release	2.9.0	2.10.0	2.11.0	2.16.0	2.17.0	2.18.0	2.21.0	2.23.0	2.24.0	2.25.0	2.26.0
D10 Compatibility Added	1	1	2	1	3	5	8	10	2	10	8
D10 Compatibility Total	1	3	5	6	9	14	22	32	34	44	52
%	1%	3%	5%	6%	9%	14%	22%	32%	34%	44%	53%

Removing - Don't freak out!!!

End of Life:

- GA_Login
replaced by TFA
- Swiftmailer (D10 available)
replaced by Symfonymailer

Functionality move to core:

- Video Embed Field

Technical Debt:

- Features
- Adminimal theme & toolbar
replace by Claro

Superseded by layout builder

- Block Place
- Panelizer
- Panels (D10 available)

SaaS Process

Preparation:

1. Identifying d10 theme compatibility issues early on
2. Remediating those issues with previews

Automations:

1. Create D10 feature branch
2. Identify and fix any issues
3. Merge D10 website to become LIVE

Automation Preparation : identifying compatibility issues

- [internal/drupal-10-compatibility](#) branches in GitLab
- **NOT** an additional environment
- GovCMS Service Desk account running CI process multiple times
- Continually iterating to find new and improved automated fixes
- No fixes will be applied at this stage
- Good news – no action for you right now

Example of **internal/drupal-10-compatibility**

🔗 `internal/drupal-10-compatibility` 📄

🔗 `bb60xxyy` · [bot]: Automated code compatibility update for Drupal 10. · 2 hours ago

2 📄



Merge request

Compare



[bot]: Automated code compatibility update for Drupal 10.

GovCMS service account authored 2 hours ago



bb60xxyy



Example of D10 changes

Commit bb60xxy authored 2 hours ago by GovCMS service account

Browse files

Options ▾

[bot]: Automated code compatibility update for Drupal 10.

parent 9b56dzzz internal/drupal-10-compatibility

No related merge requests found

✓ Pipeline #605333 passed with stage ✓ in 6 minutes and 31 seconds

Changes 5

Pipelines 1

Showing 5 changed files ▾ with 11 additions and 6 deletions

Hide whitespace changes

Inline

Side-by-side

▼ .env

+4 -0



View file @bb60ccaa

```
...    @@ -47,3 +47,7 @@ X_FRAME_OPTIONS=SameOrigin
47    47    # [9.x] Added to disable configuration management.
48    48    GOVCMS_DEPLOY_WORKFLOW_CONFIG=retain
49    49
50    51    + # [10.x] Added to disable configuration management in CI.
51    52    + GOVCMS_DEPLOY_WORKFLOW_CONFIG=retain
52    53    +
```

▼ themes/govcms_admin_theme/govcms_admin_theme.info.yml

+1 -1



View file @bb60ccaa

```
...    @@ -2,7 +2,7 @@ name: 'GovCMS Admin Theme'
2    2    description: 'GovCMS administration theme.'
3    3
4    4    base theme: adminimal_theme
5    5    - core_version_requirement: ^8 || ^9
6    6    + core_version_requirement: ^9.4 || ^10
7    7    type: theme
8    8    regions:
...    ...
```

▼ themes/govcms_theme/govcms_theme.info.yml

+1 -1



View file @bb60ccaa

```
1    1    name: 'GovCMS Theme'
2    2    description: 'Customized starter theme with basic implementation of GovCMS 8 UI-Kit.'
3    3
4    4    - core_version_requirement: ^8 || ^9 || ^10
5    5    + core_version_requirement: ^9.4 || ^10
6    6    type: theme
7    7    base theme: false
...    ...
```

Example of D10 changes

▼ themes/govcms_theme/govcms_theme.theme			+3 -2	View file @bb60ccaa
1	1	<?php		
2	2			
	3	+ use Drupal\Core\Menu\MenuTreeParameters;		
3	4	use Drupal\node\Entity\Node;		
4	5	use Drupal\node\NodeInterface;		
5	6	use Drupal\taxonomy\Entity\Term;		
...	...	@@ -341,7 +342,7 @@ function govcms_theme_preprocess_menu(&\$variables) {		
341	342			
342	343	// Generate secondary menu for mobile.		
343	344	if (!empty(\$variables['menu_name']) && \$variables['menu_name'] == 'main') {		
344		- \$secondary_items = \Drupal::menuTree()->load('secondary-menu', new		
		\Drupal\Core\Menu\MenuTreeParameters());		
	345	+ \$secondary_items = \Drupal::menuTree()->load('secondary-menu', new MenuTreeParameters());		
345	346	foreach (\$secondary_items as \$item) {		
346	347	\$variables['secondary_tree'][] = [		
347	348	'title' => \$item->link->getTitle(),		
...	...	@@ -501,7 +502,7 @@ function govcms_theme_preprocess_layout(&\$variables) {		
501	502	_govcms_theme_preprocess_node__event__date(\$variables);		
502	503	}		
503	504			
504		- if (\$entity instanceof \Drupal\Core\Entity\FieldableEntityInterface) {		
	505	+ if (\$entity instanceof FieldableEntityInterface) {		
505	506	// Only if Item url field is not empty or Display suite title link is set.		
506	507	if ((\$entity->hasField('field_item_url') && !\$entity->get('field_item_url')		
507	508	->isEmpty())		
...	...			

▼ themes/govcms_theme/templates/form/select.html.twig			+2 -2	View file @bb60ccaa
...	...	@@ -15,7 +15,7 @@		
15	15	]		
16	16	%}		
17	17			
18		- {% spaceless %}		
	18	+ {% apply spaceless %}		
19	19	<select{{ attributes.addClass(classes) }}>		
20	20	{% for option in options %}		
21	21	{% if option.type == 'optgroup' %}		
...	...	@@ -29,4 +29,4 @@		
29	29	{% endif %}		
30	30	{% endfor %}		
31	31	</select>		
32		- {% endspaceless %}		
	32	+ {% endapply %}		

Like Shipshape

but D10 compatibility

Pipeline

Needs

Jobs 1

Failed Jobs 1

Tests 18

build

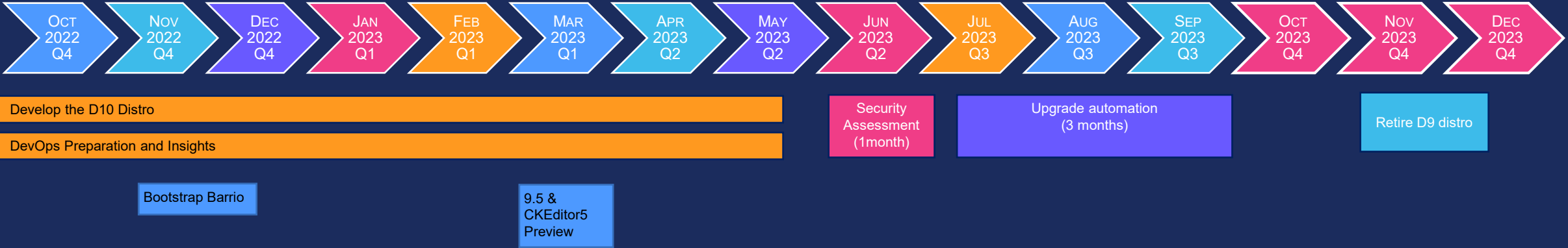


d10_compatibility_task



GovCMS deprecation alerts	Using an "if" condition on "for" tag in "themes/custom/bootstrap_barrio/templates/dataset/forum-list.html.twig" at line 63 is deprecated since Twig 2.10.0, use a "filter" filter or an "if" condition inside the "for" body instead (if your condition depends on a variable updated inside the loop). See https://drupal.org/node/3071078 . - found on line: 0	themes/custom/bootstrap_barrio/templates/dataset/forum-list.html.twig 		0.00ms	View details
GovCMS deprecation alerts	The spaceless tag in "themes/custom/bootstrap_barrio/templates/field/link-formatter-link-separate.html.twig" at line 15 is deprecated since Twig 2.7, use the "spaceless" filter with the "apply" tag instead. See https://drupal.org/node/3071078 . - found on line: 0	themes/custom/bootstrap_barrio/templates/field/link-formatter-link-separate.html.twig 		0.00ms	View details
GovCMS deprecation alerts	The spaceless tag in "themes/custom/bootstrap_barrio/templates/form/dropbutton-wrapper.html.twig" at line 16 is deprecated since Twig 2.7, use the "spaceless" filter with the "apply" tag instead. See https://drupal.org/node/3071078 . - found on line: 0	themes/custom/bootstrap_barrio/templates/form/dropbutton-wrapper.html.twig 		0.00ms	View details

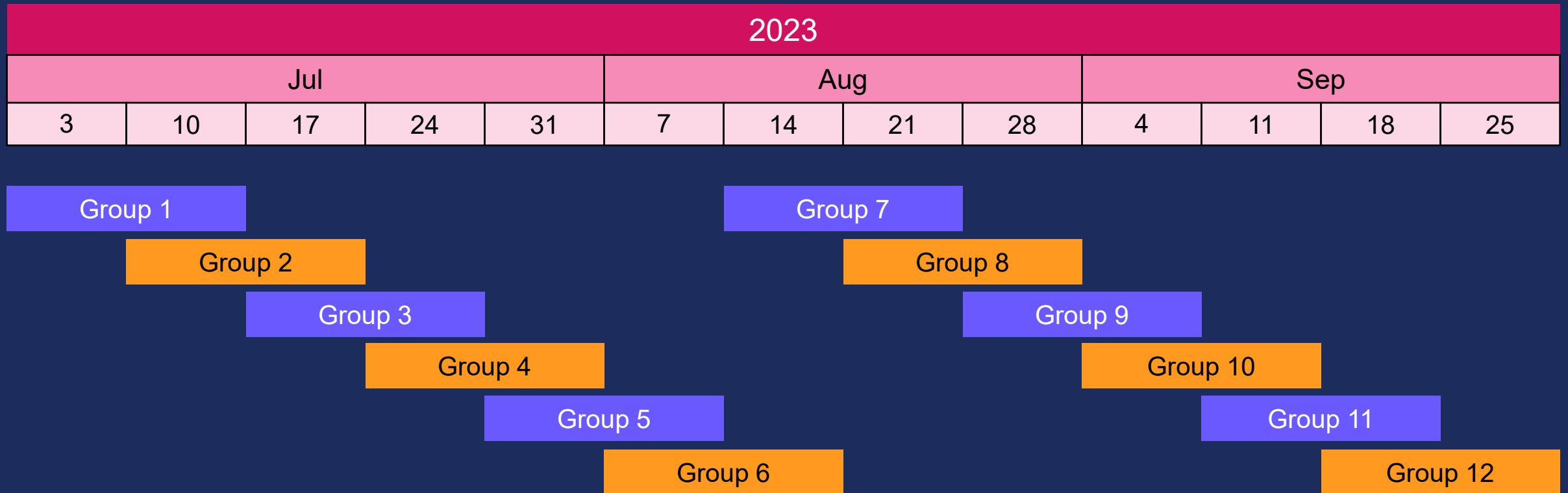
Timeline



Milestones

Timeframe	Description
November – December 22	Bootstrap Barrio Theme
February 23	9.5 core & CK Editor Preview
End May 23	GovCMS10 Release Candidate
June 23	Security Assessment
End June 23	Drupal 10 Launch
July – September 23	D9-D10 Automations
November 23	D9 End Of Life

9 to 10: Automated Upgrade Timeline



300 projects / 12 groups = average 25 projects in a group

D9 had an average 20 projects in a group (170 / 8)

Drupal Core 9.5 & CK Editor Preview

- Planned for 22 February – 22 March 2023
- Fact Finding Activity
- Outstanding – LinkIt and Entity Embed
- Review current HTML tags

Drupal Core & Ck Editor 5 Preview

Current state : CK Editor 4

Drupal Core & Ck Editor 5 Preview

Future state : CK Editor 5

Toolbar configuration

Move a button into the *Active toolbar* to enable it, or into the list of *Available buttons* to disable it. Buttons may be moved with the mouse or keyboard arrow keys.

The toolbar buttons that don't fit the user's browser window width will be grouped in a dropdown. If multiple toolbar rows are preferred, those can be configured by adding an explicit wrapping breakpoint wherever you want to start a new row.

Available buttons



Button divider



Active toolbar



Drupal Core & Ck Editor 5 Preview

Current state : CK Editor 4 – HTML tags

Filter settings

Limit allowed HTML tags and correct faulty HTML

Enabled

Convert URLs into links

Enabled

Embed media

Enabled

Linkit URL converter

Enabled

Allowed HTML tags

```
<em> <strong> <cite> <blockquote cite> <code> <ul type> <ol type start> <li> <dl> <dt> <dd> <h2 id class=""> <h3 id style> <h4 id> <h5 id> <h6 id> <u> <s> <sup> <sub> <table> <caption> <tbody> <thead> <tfoot> <th> <td> <tr> <p> <drupal-entity alt title data-entity-type data-entity-uuid data-entity-embed-display data-entity-embed-display-settings data-align data-caption data-embed-button> <img src alt data-entity-type data-entity-uuid data-align data-caption> <a href hreflang data-entity-substitution data-entity-type data-entity-uuid title> <drupal-media data-entity-type data-entity-uuid data-view-mode data-align data-caption alt title> <script> <style>
```

A list of HTML tags that can be used. By default only the *lang* and *dir* attributes are allowed for all HTML tags. Each HTML tag may have attributes which are treated as allowed attribute names for that HTML tag. Each attribute may allow all values, or only allow specific values. Attribute names or values may be written as a prefix and wildcard like *jump-**. JavaScript event attributes, JavaScript URLs, and CSS are always stripped.

☒ Display basic HTML help in long filter tips

☐ Add rel="nofollow" to all links

Drupal Core & Ck Editor 5 Preview

Future state : CK Editor 5

`<h3 id style>`

CKEditor5 plugin settings

Headings

Source editing

List

Alignment

Media

Manually editable HTML tags

`<cite> <dl> <dt> <dd> <script> <style> <h2 id class> <h3 id style> <h4 id> <h5 id> <h6 id> <drupal-entity alt title data-entity-type data-entity-uuid data-entity-embed-display data-entity-embed-display-settings data-align data-caption data-embed-button> <blockquote cite> <ul type> <ol type> <a hreflang data-entity-substitution data-entity-type data-entity-uuid title> <drupal-media title>`

The following tag in the Source Editing "Manually editable HTML tags" field is a security risk: `<h3 id style>`.

A list of HTML tags that can be used while editing source. It is only necessary to add tags that are not already supported by other enabled plugins. For example, if "Bold" is enabled, it is not necessary to add the `<strong>` tag, but it may be necessary to add `<dl><dt><dd>` in a format that does not have a definition list plugin, but requires definition list markup.

Admin Theme & Toolbar

Current State

[Back to site](#) [Manage](#) [Shortcuts](#) [hifromal](#) [Non-production](#)

[Content](#) [Structure](#) [Appearance](#) [Extend](#) [Configuration](#) [People](#) [Reports](#) [Help](#)

Structure

[Home](#) » [Administration](#)

[Block layout](#)
Configure what block content appears in your site's sidebars and other regions.

[Comment types](#)
Manage form and displays settings of comments.

[Content types](#)
Create and manage fields, forms, and display settings for your content.

[Display modes](#)
Configure what displays are available for your content and forms.

[Media types](#)
Manage media types.

[Menus](#)
Manage menus and menu links.

[Paragraph types](#)
Create and manage Paragraph types.

[Taxonomy](#)
Manage tagging, categorization, and classification of your content.

[Views](#)
Manage customized lists of content.

[Webforms](#)
Create webforms and manage submissions.

Claro Theme

*Future
State*

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Content

[Content](#) [Comments](#) [Files](#) [Media](#)

[Overview](#) [Moderated content](#)

[Home](#) » [Administration](#)

Add content

Title

Content type

Published status

Language

- Any -

- Any -

- Any -

Filter

Action

Delete content

Apply to selected items

☐	Title	Content type	Author	Status	Updated	Operations
☐	New events added for 2023	Standard page	jane	Published	06/02/2023 - 11:59am	Edit ▼
☐	Copyright	Standard page	jane	Unpublished	06/02/2023 - 11:57am	Edit ▼
☐	Privacy Policy	Standard page	jane	Published	24/01/2023 - 3:03am	Edit ▼

Claro Theme

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 Content

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Home > Administration

Content 

Content

Comments

Files

Media

Overview

Moderated content

+ Add content

Title

Content type

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Language

- Any -

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☐	Copyright	Standard page	jane	Unpublished	06/02/2023 - 11:57am	Edit
☐	Privacy Policy	Standard page	jane	Published	24/01/2023 - 3:03am	Edit

PaaS

- We want to help you where we can
 - This is also very tricky as you maintain your own code base
 - Have own internal processes
- Share the D10 compatibility reports
 - Caveat: Currently only our distribution & using the standard pipelines it doesn't currently cover any of your additional modules you use
 - IF this is something your interested in using come find me or email me and we can work together on how we can extend the report for those custom modules
- If your struggling with your maintenance plan - Set up a time – let's work together

PaaS – What's changing ?

- Enforce compliance with Information Security Manual (ISM)
 - Multi-Factor Authentication on the whole platform for all users accounts
 - Password length & complexity
- Shared responsibility to protect the platform
 - Prevent data breaches e.g Medibank & Optus
- ITSA / CIO / CTO will get a please explain

Control: ISM-1173; Revision: 4; Updated: Sep-21; Applicability: All; Essential Eight: ML2, ML3

Multi-factor authentication is used to authenticate privileged users of systems.

Control: ISM-1504; Revision: 1; Updated: Sep-21; Applicability: All; Essential Eight: ML2, ML3

Multi-factor authentication is used by an organisation's users if they authenticate to their organisation's internet-facing services.

Google Analytics 4

[Home](#) > [Administration](#) > [Configuration](#) > [Web services](#)

Google Analytics

[Google Analytics](#) is a free (registration required) website traffic and marketing effectiveness service.

Web Property ID(s)



[Remove](#)



[Remove](#)

[Add another ID](#)

This ID is unique to each site you want to track separately, and is in the form of UA-xxxxx-yy, G-xxxxxxx, AW-xxxxxxx, or DC-xxxxxxx. To get a Web Property ID, [register your site with Google Analytics](#), or if you already have registered your site, go to your Google Analytics Settings page to see the ID next to every site profile. [Find more information in the documentation.](#)